

PATENT APPLICATION  
Attorney Docket No. YOR920030135US1  
Express Mail Label No. EV332928497US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Guerney D. H. HUNT et al.

Serial No:

Filed: Herewith

For: TIME BASED MULT-TIERED MANAGEMENT  
OF RESOURCE SYSTEMS

Examiner:

Art Unit:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided. Furthermore, in accordance with Pre-OG Notice dated July 11, 2003, and titled, "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003", copies of any U.S. Patents and Published Applications are not provided.


No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the

right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the references are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Dated: August 26, 2003

  
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<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> YOR920030135US1	<b>SERIAL NO.</b>
	<b>APPLICANTS</b> Guern y D. H. HUNT et al.	
	<b>FILING DATE</b>	<b>GROUP</b>

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,956,745	09/21/99	Bradford et al.	711	137	
	6,058,489	05/02/00	Schultz et al.	714	007	
	6,427,152	07/30/02	Mummert et al.	707	102	

### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		IBM RAMAC Virtual Array, IBM International Technical Support Organization, San Jose, First Edition, July 1997
		R. Levy et al., Performance Management For Cluster Based Web Services
		William G. Pope and Lily B. Mummert, The Use of Life Expectancy to Manage Lotus Notes Email Storage, IBM TJ Watson Research Center
		Luis Felipe Cabrera et al., Advances in Windows NT Storage Management, IEEE Computer, Oct. 1998
		Justin Moore et al., Managing Mixed-Use Clusters with Cluster-on-Demand
		Guillermo A. Alvarez et al., MINERVA: An Automated Resource Provisioning Tool For Large-Scale Storage Systems
		K. Appleby et al., Océano-SLA Based Management of a Computing Utility,

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.